

MILBRO REFRACTORIES, INC.

MILCOTE CR DRY

A Chrome-Alumina dry, mortar. Can be used with high and magnesite either, dipped, troweled or as a grout. Will withstand destructive action of molten metal and slags at high temperature

Service Temperature	3200° F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	4.5-5.5 qt. / 50 lb.

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	80.2
SiO ₂	7.9
Fe ₂ O ₃	0.7
TiO ₂	1.3
MgO	0.2
CaO	0.1
Cr ₂ O ₃	9.6

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	800-1000	2800-3500	0.2 S
1500°F	950-1100	2600-2900	0.1 S
2500°F	1100-1400	3400-4200	0.2 E

All data shown is based on average of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.